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09/886,197
11/21/02

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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28	Oct 21	EVENTLINE has been reloaded
NEWS 29	Oct 24	BEILSTEIN adds new search fields
NEWS 30	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 32	Nov 18	DKILIT has been renamed APOLLIT

NEWS EXPRESS	October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 15:11:07 ON 21 NOV 2002

=> s ep 192060/pn
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Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> s ep192060/pn
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> s ep192060/epa
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> s epa192060
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> s epa 192060
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

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FULL ESTIMATED COST	0.63	0.63

FILE 'CAPLUS' ENTERED AT 15:12:57 ON 21 NOV 2002
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FILE COVERS 1907 - 21 Nov 2002 VOL 137 ISS 21
FILE LAST UPDATED: 20 Nov 2002 (20021120/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

```
=> s epa 192060
         16795 EPA
             0 192060
L1           0 EPA 192060
                 (EPA(W)192060)

=> s ep192060/epa
'EPA' IS NOT A VALID FIELD CODE
L2           0 EP192060/EPA

=> s ep192060/pn
L3           1 EP192060/PN

=> d l3 abs ibib hitstr

L3   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2002 ACS
GI
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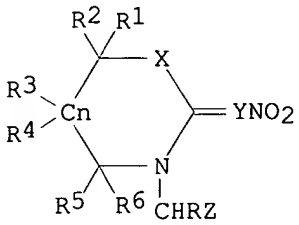

I

AB I (R, R1, R2, R5, R6 = H, alkyl; R3,R4 = H, OH, alkyl; n = 0, 1; X = O, S, NR7, CHR8; Y = N, CR9; Z = 5- or 6-membered heterocyclic group; R7 = H, halo, OH, alkoxy, benzyloxy, alkyl, etc.; R8 = H, alkyl, aryl, benzyl; R9 = H, halo, OH, alkoxy etc.) were prepd. as insecticides. Thus, a mixt. of 4.3 g N-(2-chloro-5-pyridylmethyl)-3-aminopropanethiol and 4.3 g

1-nitro-2,2-bis(methylthio)ethylene in EtOH was refluxed for 10 h to give 1.3 g 3-(2-chloro-5-pyridylmethyl)-2-nitromethylenetetrahydro-2H-1,3-thiazine (II). II, 200 ppm, totally controlled peach leaf louse (Myzodes persicae) on egg plant in the lab.

ACCESSION NUMBER: 1987:28848 CAPLUS
DOCUMENT NUMBER: 106:28848
TITLE: Heterocyclic compounds
INVENTOR(S): Shiokawa, Kozo; Tsuboi, Shinichi; Kagabu, Shinzo; Moriya, Koichi
PATENT ASSIGNEE(S): Nihon Tokushu Noyaku Seizo K. K., Japan
SOURCE: Eur. Pat. Appl., 271 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 192060	A1	19860827	EP 1986-100708	19860117 <--
EP 192060	B1	19910918		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL				
JP 61178981	A2	19860811	JP 1985-18627	19850204
JP 06006585	B4	19940126		
JP 61178982	A2	19860811	JP 1985-18628	19850204
JP 06049699	B4	19940629		
JP 61183271	A2	19860815	JP 1985-23683	19850212
JP 07000613	B4	19950111		
JP 61267561	A2	19861127	JP 1985-106853	19850521
JP 06029258	B4	19940420		
JP 61267575	A2	19861127	JP 1985-106854	19850521
JP 05014716	B4	19930225		
JP 62081382	A2	19870414	JP 1985-219082	19851003
JP 07030070	B4	19950405		
AT 67493	E	19911015	AT 1986-100708	19860117
US 4742060	A	19880503	US 1986-821621	19860121
AU 8652866	A1	19860807	AU 1986-52866	19860130
AU 584388	B2	19890525		
IL 77750	A1	19891031	IL 1986-77750	19860131
CA 1276018	A1	19901106	CA 1986-500793	19860131
DK 8600519	A	19860805	DK 1986-519	19860203
ZA 8600763	A	19860924	ZA 1986-763	19860203
BR 8600428	A	19861021	BR 1986-428	19860203
DD 242742	A5	19870211	DD 1986-286723	19860203
HU 41954	A2	19870629	HU 1986-466	19860203
HU 200651	B	19900828		
CS 255867	B2	19880315	CS 1986-754	19860203
PL 149199	B1	19900131	PL 1986-257774	19860203
HU 202365	B	19910328	HU 1989-5815	19860203
ES 551629	A1	19871201	ES 1986-551629	19860204
US 4845106	A	19890704	US 1987-68991	19870701
ES 557616	A1	19880216	ES 1987-557616	19870709
ES 557617	A1	19880216	ES 1987-557617	19870709
ES 557618	A1	19880216	ES 1987-557618	19870709
US 5001138	A	19910319	US 1989-347836	19890504
US 5204360	A	19930420	US 1990-557292	19900724
US 5298507	A	19940329	US 1992-832174	19920206
JP 05194490	A2	19930803	JP 1992-235152	19920812

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JP 07020953	B4	19950308			
DK 9201042	A	19920821	DK 1992-1042		19920821
DK 172809	B1	19990726			
US 5461167	A	19951024	US 1993-67642		19930525
US 5428032	A	19950627	US 1993-169902		19931220
US 5580889	A	19961203	US 1995-404849		19950315
US 5750704	A	19980512	US 1996-662096		19960612
US 6022967	A	20000208	US 1998-12620		19980123
US 6297374	B1	20011002	US 1999-309988		19990511
PRIORITY APPLN. INFO.:			JP 1985-18627	A	19850204
			JP 1985-18628	A	19850204
			JP 1985-23683	A	19850212
			JP 1985-106853	A	19850521
			JP 1985-106854	A	19850521
			JP 1985-219082	A	19851003
			EP 1986-100708	A	19860117
			US 1986-821621	A3	19860121
			US 1987-68991	A3	19870701
			US 1989-347836	A3	19890504
			US 1990-557292	A3	19900724
			US 1992-832174	A3	19920206
			US 1993-67642	A3	19930525
			US 1993-169902	A3	19931220
			US 1995-404849	A3	19950315
			US 1996-662096	A3	19960612
			US 1998-12620	A3	19980123
OTHER SOURCE(S):		CASREACT 106:28848			

=>
=> s 163855/pn
L4 0 163855/PN

=> s ep163855/pn
L5 2 EP163855/PN

=> d l5 1-2 abs ibib hitstr

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS
GI For diagram(s), see printed CA Issue.
AB Nitromethylene derivs. of imidazolidines, perhydropyrimidines, and -1,3-diazepines I (R1 = H, alkyl; R2 = substituted pyridinyl; n = 0-3; m = 1-3) were prepd. Thus, 16.2 g 2-chloro-5-(chloroemthyl)pyridine in MeCN was added dropwise to 18 g (CH2NH2)2 in MeCN followed by stirring 1 h at room temp. and 2 h at 40.degree. to give 16 g N-[(2-chloro-5-pyridinyl)methyl]-1,2-ethanediamine. The latter (18.6 g) and 16.5 g (MeS)2C:CHNO2 were cyclocondensed by heating at 50.degree. in MeOH to give 19 g 2-(nitromethylene)imidazolidine II. At 8 ppm II gave 100% kill of organophosphate-resistant Nephotettix cincticeps.

ACCESSION NUMBER:	1986:224896 CAPLUS
DOCUMENT NUMBER:	104:224896
TITLE:	Nitromethylene derivatives, intermediates, and their preparation as insecticides
INVENTOR(S):	Shiokawa, Kozo; Tsuboi, Shinichi; Kagabu, Shinzo; Moriya, Koichi
PATENT ASSIGNEE(S):	Nihon Tokushu Noyaku Seizo K. K., Japan
SOURCE:	Eur. Pat. Appl., 72 pp. CODEN: EPXXDW

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DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
EP 163855	A1	19851211	EP 1985-104254	19850409	<--
EP 163855	B1	19890621			
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE					
JP 60218386	A2	19851101	JP 1984-72966	19840413	
JP 04060114	B4	19920925			
JP 61012682	A2	19860121	JP 1984-132943	19840629	
JP 05082391	B4	19931118			
AT 44145	E	19890715	AT 1985-104254	19850409	
JP 05017447	A2	19930126	JP 1991-182863	19910629	
JP 05047539	B4	19930719			
JP 06172346	A2	19940621	JP 1993-166278	19930611	
JP 2539159	B2	19961002			

PRIORITY APPLN. INFO.: JP 1984-72966 19840413
JP 1984-132943 19840629
EP 1985-104254 19850409
OTHER SOURCE(S): CASREACT 104:224896

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS
GI For diagram(s), see printed CA Issue.
AB Insecticidal nitromethylene derivs. I (R = H, lower alkyl; m = 2-4; n = 0-3) or their salts were prepd. by the reaction of mercaptals II (R1 = lower alkyl, benzyl; R12 = alkylene) with alkylenediamines III, obtained by reaction of pyridine IV (R2 = halo, OSO2R3; R3 = lower alkyl, aryl) with diamines H2N(CH2)mNH2. Thus, heating a mixt. of 18.6 g III (R = H, m = 2,n = 0), 16.5 g II (R1 = Me), and 100 mL MeOH at 50.degree. until evolution of MeSH stopped gave 19 g I (R = H, m = 2, n = 0) which was effective against Nephotettix cincticeps at 8 ppm.

ACCESSION NUMBER: 1986:148924 CAPLUS
DOCUMENT NUMBER: 104:148924
TITLE: Preparation of nitromethylene derivatives and their intermediates as insecticides
INVENTOR(S): Shiokawa, Kozo; Tsuboi, Shinichi; Toshibe, Shinzo; Moriya, Koichi
PATENT ASSIGNEE(S): Nihon Tokushu Noyaku Seizo K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 17 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
JP 60218386	A2	19851101	JP 1984-72966	19840413	
JP 04060114	B4	19920925			
US 4678795	A	19870707	US 1985-720838	19850408	
EP 163855	A1	19851211	EP 1985-104254	19850409	<--
EP 163855	B1	19890621			
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE					
AT 44145	E	19890715	AT 1985-104254	19850409	
IL 74864	A1	19880229	IL 1985-74864	19850410	

DD 236445	A5	19860611	DD 1985-275098	19850411
CA 1262725	A1	19891107	CA 1985-478814	19850411
DK 8501678	A	19851014	DK 1985-1678	19850412
DK 169072	B1	19940808		
AU 8541097	A1	19851017	AU 1985-41097	19850412
AU 571961	B2	19880428		
BR 8501739	A	19851210	BR 1985-1739	19850412
ES 542202	A1	19851216	ES 1985-542202	19850412
ZA 8502742	A	19851224	ZA 1985-2742	19850412
HU 37709	A2	19860228	HU 1985-1372	19850412
HU 196029	B	19880928		
US 4774247	A	19880927	US 1987-29303	19870323
US 4812571	A	19890314	US 1987-130697	19871209
AU 8810183	A1	19880428	AU 1988-10183	19880111
AU 597772	B2	19900607		
DK 9101988	A	19911210	DK 1991-1988	19911210
DK 171643	B1	19970303		

PRIORITY APPLN. INFO.:	JP 1984-72966	19840413
	JP 1984-132943	19840629
	US 1985-720838	19850408
	EP 1985-104254	19850409
	US 1987-29303	19870323

OTHER SOURCE(S): CASREACT 104:148924

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L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:368234 CAPLUS
DOCUMENT NUMBER: 136:381765
TITLE: Synergistic pesticidal compositions comprising N-cyanomethyl-4-(trifluoromethyl)nicotinamide
INVENTOR(S): Angst, Max; Rindlisbacher, Alfred; Maienfisch, Peter
PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002037964	A1	20020516	WO 2001-EP12947	20011108
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002014045	A5	20020521	AU 2002-14045	20011108

PRIORITY APPLN. INFO.: CH 2000-2189 A 20001110
WO 2001-EP12947 W 20011108

AB Synergistic compns. for controlling **insects** or representatives of the order Acarina comprise a combination of variable quantities of N-Cyanomethyl-4-trifluoromethyl-3-pyridinecarboxamide (IKI-220) in free form or in salt form, if appropriate tautomers, in free form or in salt form, and one or more of the compds., such as, for example: abamectin, azamethiphos, bromopropylate, chlorfenvinphos, cypermethrin, cypermethrin high-cis, cyromazin, diafenthiuron, diazinon, dicrotophos, dicyclanil, emamectin, fenoxycarb, lufenuron, methidathion, monocrotophos, profenofos, pymetrozine, tau-fluvalinate, thiamethoxam, azoxystrobin, bensultap, chlorothalonil, fenpyroximate, fluazinam, flufenprox, flutriafol, lambda-cyhalothrin, phosmet, picoxystrobin, primicarb, pyridaben, tefluthrin, etc. The compns. are used for controlling pests by applying to the pests or their environment, or for protecting plant propagation material, wherein the propagation material or the site of application of the propagation material is treated.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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11/21/02

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PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 16:02:43 ON 21 NOV 2002
FILE 'CAPLUS' ENTERED AT 16:02:43 ON 21 NOV 2002
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	83.57	84.20

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-13.63	-13.63

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	83.97	84.60

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-13.63	-13.63

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FILE COVERS 1907 - 21 Nov 2002 VOL 137 ISS 21
FILE LAST UPDATED: 20 Nov 2002 (20021120/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s imidacloprid
L9 1027 IMIDACLOPRID

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=> s tebuconazole
L10 628 TEBUCONAZOLE

=> s l9 and l10
L11 23 L9 AND L10

=> d l11 1-23 ibib hitstr abs

L11 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:734629 CAPLUS
DOCUMENT NUMBER: 137:267977
TITLE: Introduction of plant protective agents into surface water. Relevance of point source introduction routes, degradation behavior, and possibilities of treatment of wastewater containing plant protective agents
AUTHOR(S): Schule, Eberhard
CORPORATE SOURCE: Germany
SOURCE: Stuttgarter Berichte zur Siedlungswasserwirtschaft (2002), 164, 3-162
CODEN: SBSWBO; ISSN: 0585-7953
PUBLISHER: Oldenbourg Industrieverlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: German
AB The relevance of the introduction of plant protective agents via point sources into surface waters was investigated in this thesis by continuously monitoring for 1 yr the emission of plant protective agents into the river Seefelder Aach (Germany) which flows into the lake Constance. The catchment area of the river is characterized by intensive agriculture and intensive special cultures as viniculture. In a selected part of the catchment area sampling was performed on 3 communal sewage treatment plant effluents, a small stream characterized by diffuse pollution, and in the receiving watercourse. The samples were analyzed for 48 plant protective agents (herbicides, pesticides, and fungicides) resp. their metabolites by HPLC-DAD after solid-phase extn. In 93% of the 348 analyzed sewage treatment plant effluents .ltoreq.8 different plant protection agents were detected. In 83% of the surface water samples plant protection agents were found. A continuous introduction of plant protective agents via the sewage treatment plants into the river Seefelder Aach was obsd. with an annual load of 3.2 kg. From the Seefelder Aach an introduction of at least 5.2 kg plant protective agents into the lake Constance was detd. showing the importance of the introduction of plant protective agents via point sources. The annual variations of the sewage treatment plant effluent loads reflected the main application periods of the plant protective agents regarding their resp. use. In addn. the biol. degrdn. behavior of different plant protective agents was studied in test systems modeling the conditions of communal sewage treatment plants. Most of the plant protection agents were not substantially eliminated during the biol. treatment. Also the use of the photochem. oxidization by H2O2/UV treatment for the removal of biol. non-degradable plant protective agents was investigated on lab. and pilot scale on model and real wastewaters. Depending on the oxidn. treatment duration the plant protection agents could be removed .ltoreq.99.9% or their further biol. degradability was improved.
REFERENCE COUNT: 98 THERE ARE 98 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2002 ACS

09958813

ACCESSION NUMBER: 2002:660821 CAPLUS
DOCUMENT NUMBER: 137:290289
TITLE: Effect of chemical products used in lettuce and chrysanthemum on entomopathogenic fungi
AUTHOR(S): Loureiro, Elisangela de S.; Moino, Alcides, Jr.; Arnosti, Andre; de Souza, Giselle C.
CORPORATE SOURCE: Lab. Controle Biologico, Centro Experimental do Inst. Biologico, Campinas, 13001-970, Brazil
SOURCE: Neotropical Entomology (2002), 31(2), 263-269
CODEN: NEENDV; ISSN: 1519-566X
PUBLISHER: Entomological Society of Brazil
DOCUMENT TYPE: Journal
LANGUAGE: Portuguese

AB The effect of eight fungicides and twelve insecticides used in lettuce and chrysanthemum crops, was evaluated on the fungi Beauveria bassiana (Bals.) Vuill., Metarhizium anisopliae (Metsch.) Sorok., Paecilomyces fumosoroseus (Wise) (Holm ex SF Gray) and Verticillium lecanii (Zimmerman) through in vitro tests. The products were added to petri dishes contg. culture medium (PDA), according to the concns. recommended for application in field. After the inoculation of the fungi, the plates were incubate at 25.+-.1.degree.C, 12h photophase and 70.+-.10% relative humidity. The mean diam. of colonies and the no. of conidia produced after a variable period of incubation for each studied fungus were evaluated. The insecticides thiametoxan and **imidacloprid** were compatible with all the fungi studied. On the other hand, cuprous oxide, iprodione, methyl parathion, tebuconazol, metalaxil, mancozeb, folpet, fenpropathrin and tetraconazol inhibited the growth of the fungi, being classified as toxicant or very toxicant products to the entomopathogens.

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:630888 CAPLUS
DOCUMENT NUMBER: 137:231584
TITLE: Extension of tolerances for emergency exemptions (multiple chemicals)
CORPORATE SOURCE: Environmental Protection Agency, Office of Pesticide Programs, Environmental Protection Agency, Washington, DC, 20460, USA
SOURCE: Federal Register (2002), 67(137), 46878-46884, 17 Jul 2002
CODEN: FEREAC; ISSN: 0097-6326
PUBLISHER: Superintendent of Documents
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Time-limited tolerances are extended for the pesticides bifenazate, coumaphos, dimethenamid, diuron, emamectin benzoate, fenbuconazole, fluroxypyr 1-methylheptyl ester, hexythiazox, **imidacloprid**, metolachlor, myclobutanil, pendimethalin, sulfentrazone, **tebuconazole**, and thiabendazole. These actions are in response to EPA's granting of emergency exemptions under section 18 of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) authorizing use of these pesticides. Section 408(l)(6) of the Federal Food, Drug, and Cosmetic Act (FFDCA) requires EPA to establish a time-limited tolerance or exemption from the requirement for a tolerance for pesticide chem. residues in food that will result from the use of a pesticide under an emergency exemption granted by EPA.

L11 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:490046 CAPLUS
DOCUMENT NUMBER: 137:78137
TITLE: Pesticides; removal of duplicative or expired time-limited tolerances for emergency exemptions
CORPORATE SOURCE: Environmental Protection Agency (EPA), Registration Division (7505C), Office of Pesticide Programs, Environmental Protection Agency, WA, 20460, USA
SOURCE: Federal Register (2002), 67(96), 35045-35050, 17 May 2002
CODEN: FEREAC; ISSN: 0097-6326
PUBLISHER: Superintendent of Documents
DOCUMENT TYPE: Journal
LANGUAGE: English

AB EPA is amending 40 CFR part 180 to remove time-limited tolerances for several pesticides that were originally-established to support emergency exemptions issued under section 18 of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). These time-limited tolerances are being removed from 40 CFR part 180 because they have since expired or because permanent tolerances have been established for the pesticide and commodity covered by the time-limited tolerance. The expired time-limited tolerance is obsolete, while the unexpired time-limited tolerance is covered by a permanent tolerance is duplicative. In either case, the time-limited tolerance is unnecessary and is being removed with this final rule to ensure that the regulatory listings of tolerances is properly updated. Amendments are published for avermectin, azoxystrobin, bentazon, bifenthrin, carfentrazone-Et, chlorfenapyr, clomazone, cymoxanil, cyprodinil, dicloran, diflubenzuron, dimethomorph, endothall, ethametsulfuron-Me, fenarimol, fenoxycarb, fenpropathrin, fludioxonil, glyphosate, **imidacloprid**, .lambda.-cyhalothrin, maleic hydrazide, mefenoxam, myclobutanil, oxyfluorfen, paraquat, primisulfuron-Me, propamocarb hydrochloride, propiconazole, propyzamide, pyridate, pyriproxyfen, quinclorac, sethoxydim, sodium salt of acifluorfen, sodium salt of fomesafen, **tebuconazole**, tebufenozide, thiamethoxam, triadimefon, and triclopyr.

L11 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:368234 CAPLUS
DOCUMENT NUMBER: 136:381765
TITLE: Synergistic pesticidal compositions comprising N-cyanomethyl-4-(trifluoromethyl)nicotinamide
INVENTOR(S): Angst, Max; Rindlisbacher, Alfred; Maienfisch, Peter
PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002037964	A1	20020516	WO 2001-EP12947	20011108

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,

US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002014045	A5	20020521	AU 2002-14045		20011108
PRIORITY APPLN. INFO.:			CH 2000-2189	A	20001110
			WO 2001-EP12947	W	20011108

AB Synergistic compns. for controlling insects or representatives of the order Acarina comprise a combination of variable quantities of N-Cyanomethyl-4-trifluoromethyl-3-pyridinecarboxamide (IKI-220) in free form or in salt form, if appropriate tautomers, in free form or in salt form, and one or more of the compds., such as, for example: abamectin, azamethiphos, bromopropylate, chlorfenvinphos, cypermethrin, cypermethrin high-cis, cyromazin, diafenthiuron, diazinon, dicrotophos, dicyclanil, emamectin, fenoxycarb, lufenuron, methidathion, monocrotophos, profenofos, pymetrozine, tau-fluvalinate, thiamethoxam, azoxystrobin, bensultap, chlorothalonil, fenpyroximate, fluazinam, flufenprox, flutriafol, lambda-cyhalothrin, phosmet, picoxystrobin, primicarb, pyridaben, tefluthrin, etc. The compns. are used for controlling pests by applying to the pests or their environment, or for protecting plant propagation material, wherein the propagation material or the site of application of the propagation material is treated.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:353222 CAPLUS
DOCUMENT NUMBER: 136:351654
TITLE: Polymeric pest control sheet containing pesticides
INVENTOR(S): Barazani, Avner
PATENT ASSIGNEE(S): Makhteshim Chemical Works Ltd., Israel
SOURCE: PCT Int. Appl., 21 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002035930	A2	20020510	WO 2001-IL1014	20011101

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002014232	A5	20020515	AU 2002-14232		20011101
PRIORITY APPLN. INFO.:			IL 2000-139388	A	20001101
			WO 2001-IL1014	W	20011101

AB A sheet for pest control is made of polymeric material and comprises at least two layers; a top layer and a bottom layer, wherein the bottom layer contains a herbicide and one or more pesticides selected from among fungicides and insecticides, and the top layer optionally contains an insecticide and/or fungicide. Other aspects of the invention include a

polymeric compn. used in the prepn. of the sheets and a method for pest control in agriculture, horticulture and gardens.

L11 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:339960 CAPLUS
DOCUMENT NUMBER: 136:320817
TITLE: Rare-earth water-retaining composite seed-coating agent
INVENTOR(S): Miao, Xifu; Wang, Guoqiang; Li, Jiehuang
PATENT ASSIGNEE(S): Zhongtian Technology Innovation Egineering Co., Ltd., Ningxia, Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp. CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1310944	A	20010905	CN 2000-102141	20000301

AB The title seed-coating agent is composed of RE polymer, wide-spectrum systemic insecticide, bactericide, fertilizer, trace element, RE complex and adjuvant. The insecticide is selected from one or more of carbofuran, carbosulfan, tefluthrin, lindane etc.; the bactericide from one or more of thiram, triadimenol, carbendazim, amicarthiazol, etc.; the plant growth regulator from fulvic acid, RE complex, daminozide, ethephon, mepiquat chloride, gibberellic acid, paclobutrazol, triacontanol, etc. The product is prepd. by pulverizing, and magnetizing.

L11 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:195817 CAPLUS
DOCUMENT NUMBER: 137:83098
TITLE: Groundwater and surface water of the regions Petrolina (PE) and Juazeiro (BA)
AUTHOR(S): Ferracini, Vera L.; Pessoa, Maria C. Y. P.; Silva, Aderaldo S.; Spadotto, Claudio A.
CORPORATE SOURCE: Quimica Organica, Embrapa Meio Ambiente, Jaguariuna, Brazil
SOURCE: Pesticidas (2001), 11, 1-16
CODEN: PTICEA; ISSN: 0103-7277
PUBLISHER: Universidade Federal do Parana, Centro de Pesquisa e Processamento de Alimentos
DOCUMENT TYPE: Journal
LANGUAGE: Portuguese

AB The contamination potential of groundwater and surface water in the sub-middle portion of San Francisco River basin was analyzed for pesticides applied in mango and grape cultivation by following the criteria of Environmental Protection Agency and to the index of GUS and criteria proposed by GOSS. All the criteria used take into consideration the applied products properties, by not demanding high costs nor a long time for information and evaluating contamination potential. The results reinforce the importance of information publication on the physicochem. properties of pesticides, esp. data on adsorption coeff., whose values allow to predict the pesticide mobility in soils. This factor combined with the pesticide degrdn. time to the half of its initial concn. (half life) in the soil, provides information on pesticide water contamination potential. The results allow the identification of the pesticides with

higher contamination potential to water resources, which should be prioritized in environmental monitoring in situ.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

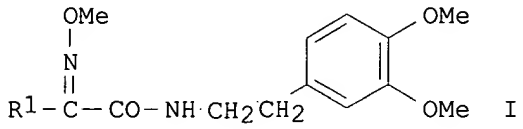
L11 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:861996 CAPLUS
DOCUMENT NUMBER: 136:146495
TITLE: Impact of pesticide seed treatments on aphid control and yield of wheat in the Sudan
AUTHOR(S): Ahmed, N. E.; Kanan, H. O.; Inanaga, S.; Ma, Y. Q.; Sugimoto, Y.
CORPORATE SOURCE: Arid Land Research Center, Tottori University, Tottori, 680-0001, Japan
SOURCE: Crop Protection (2001), 20(10), 929-934
CODEN: CRPTD6; ISSN: 0261-2194
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Mixts. of **imidacloprid** and **tebuconazole**, were evaluated for three consecutive growing seasons, to det. the effects on plant stand, aphid control and wheat grain yield. At rates of 1.05/0.04 and 0.7/0.04 g of pesticide, resp., per kg of seeds, plant stand per unit area increased compared with their resp. untreated control. Both rates of **imidacloprid** efficiently controlled the maize aphid (Melanaphis maidis) and suppressed the green bug (Schizaphis graminum) for 6-8 wk after sowing. There were substantial differences among the different treatments in the no. of grains/ear and the 1000-grain wt. These differences were reflected in 90% and 30% av. increase in the total grain yield of the wheat crop raised from seeds treated with the mixt. relative to the corresponding untreated control and a std. mixt. of lindane plus thiram, resp. This strategy of using **imidacloprid** as seed dressing allowed easy application, gave adequate reliable control of aphids and less hazardous to the environment.
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:780351 CAPLUS
DOCUMENT NUMBER: 135:299954
TITLE: Fungicidal compositions comprising methoxyiminoacetamide derivatives.
INVENTOR(S): Wachendorff-Neumann, Ulrike; Seitz, Thomas; Gayer, Herbert; Heinemann, Ulrich; Krueger, Bernd-Wieland; Kraemer, Wolfgang; Assmann, Lutz
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 40 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10019758	A1	20011025	DE 2000-10019758	20000420
WO 2001080641	A2	20011101	WO 2001-EP4042	20010409
WO 2001080641	A3	20020328		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: DE 2000-10019758 A 20000420
OTHER SOURCE(S): MARPAT 135:299954
GI



I

AB Fungicidal compns. comprise methoxyiminoacetamide derivs. I (R1 = fluorine-, chlorine-, bromine-, Me-, Et-, Pr- iso-Pr-, Bu-, iso-Bu-, tert-Bu-, methoxy-, ethoxy- or phenoxy-substituted or unsubstituted Ph, 2-naphthyl, 1,2,3,4-tetrahydronaphthyl, indanyl, 2-benzofuranyl, 2-benzothienyl, 2-thienyl or 2-furanyl) and any of known 58 fungicides.

L11 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:526379 CAPLUS
DOCUMENT NUMBER: 135:88642
TITLE: Inhibiting phase separation in low viscosity water-based pesticide suspensions
INVENTOR(S): Shafer, James G.; Hudson, Darrell C.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 7 pp., Cont.-in-part of U. S. 506,655.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2001008873	A1	20010719	US 2001-759797	20010112
US 6379687	B2	20020430		
US 6074987	A	20000613	US 1999-228904	19990111
US 2002110574	A1	20020815	US 2002-71539	20020208

PRIORITY APPLN. INFO.: US 1998-86075 B2 19980528
US 1999-228904 A2 19990111
US 2000-506655 A2 20000217
US 2001-759797 A3 20010112

AB The present invention provides a compn. for inhibiting phase sepn. and the resulting nonuniform distribution of an active ingredient in low-viscosity, water-based pesticide suspensions. The compn. comprises

0.003-50 % by wt. pesticide, 0.5-10 % wetting agent, 0.0-0.8 % thickener, 0.1-0.5 % antimicrobial agent, 5-20 % antifreeze agent, 1-8 % hydrophobic fumed silica, and 40-95 % water. In an embodiment, the hydrophobic fumed silica results from a hydrophilic silica which is treated with dimethyldichlorosilane.

L11 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:311261 CAPLUS
DOCUMENT NUMBER: 134:349315
TITLE: Seed treatment technologies: evolving to achieve crop genetic potential
AUTHOR(S): Brandl, F.
CORPORATE SOURCE: Syngenta Crop Protection AG, Basel, CH-4058, Switz.
SOURCE: BCPC Symposium Proceedings (2001), 76(Seed Treatment), 3-18
CODEN: BSPRFW
PUBLISHER: British Crop Protection Council
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
AB A review with 26 refs. This paper provides a wide-ranging survey of new developments and trends in seed treatment technologies during the last decade, and identifies future directions. The major crops that benefit from the use of seed treatment are cereals, maize, cotton, potatoes, oilseed rape and sugar beet. Seed treatments are being transformed from commodity to high-value status. Active ingredients such as **tebuconazole**, triticonazole, fludioxonil, silthiofam, **imidacloprid**, thiamethoxam and fipronil, are providing a broader spectrum of activity and longer-lasting control of diseases and pests in early crop growth stages, better toxicol. and ecotoxicol. profiles. Modern seed treatment products demand accurate application techniques and quality assurance systems to optimize efficacy, crop safety, and the cost/benefit ratio for the grower. There is increasing interest in the research of germination-enhancement techniques and the role of the seed as delivery vehicle for addnl. crop inputs. These developments in seed treatments are taking place alongside changes in crop prodn. systems and genetic technologies, and in response to the demands of consumers and growers for environmentally-friendly crop prodn. methods, including non-synthetic crop-protection agents.
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:239802 CAPLUS
DOCUMENT NUMBER: 134:262325
TITLE: Pesticide microcapsules.
INVENTOR(S): Podszun, Wolfgang; Christensen, Bjoern; Schick, Norbert; Krueger, Joachim; Hilmar, Wolf
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19947147	A1	20010405	DE 1999-19947147	19991001

WO 2001024631 A1 20010412 WO 2000-EP9268 20000919
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
BR 2000014674 A 20020611 BR 2000-14674 20000919
EP 1221838 A1 20020717 EP 2000-962517 20000919
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL
PRIORITY APPLN. INFO.: DE 1999-19947147 A 19991001
WO 2000-EP9268 W 20000919

AB Pesticide microcapsules comprise a polymer capsule wall which encloses a mixt. of: (a) continuous solid polymer phase; (2) liq. oil phase; (3) pesticide(s); (4) oil-sol. dispersing agent(s); (5) optional additives. The wall polymer is polyurea or gelatin and the solid polymer phase is a vinyl polymer or polyurethane.

L11 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:424166 CAPLUS
DOCUMENT NUMBER: 133:39414
TITLE: Influence of combined fungicide-insecticide treatment of winter wheat seed on crop development and yield after early and normal sowing date
AUTHOR(S): Schoberlein, W.; Herrmann, K.; Matthies, H.
CORPORATE SOURCE: Institut fur Acker- und Pflanzenbau, Lehrgebiet Saatgutwirtschaft, Martin-Luther-Universitat Halle-Wittenberg, Halle, 06108, Germany
SOURCE: Pflanzenschutz-Nachrichten Bayer (German Edition) (1999), 52(3), 320-346
CODEN: PNBYAT; ISSN: 0340-1723
PUBLISHER: Bayer AG
DOCUMENT TYPE: Journal
LANGUAGE: German
AB Larger agricultural concerns growing winter wheat on a major scale have been considering the possibility of sowing winter wheat earlier, partly to make more efficient use of manpower but also to further increase the yield. Early sowing of winter wheat poses the risk of the young plants becoming infected with animal pests and - in the event of warm autumn weather - with barley yellow dwarf virus (BYDV), which greatly reduces yields. These problems were investigated in field trials carried out from 1995 to 1998, which involved early sowing (10 to 13 Sept.) and normal sowing (8 to 9 Oct.) of the winter wheat varieties Kontrast and Toronto at seed densities of 450 and 300 fertile caryopses per m2 under the influence of 4 different seed treatments. The results obtained in the individual years of the study are shown in 16 figures and 5 tables, and are discussed with the aid of the biostatistical findings. The grain yields in all three years benefited from early sowing. The yield stability of the early sowing was successfully safeguarded by prophylactic protection of the seedlings and young plants by combined seed treatment including Gaucho. The active ingredient **imidacloprid** was effective in protecting the young plants of the early sowing in the autumn of 1995 from animal pests and viral infection. Even in 1997/1998, when there was no viral infection, the combined seed treatment with the two insecticides tested,

Gaucho + Contur Plus, had significant effects on the yield of the early sowing. The standing crops which develop rapidly in the spring require appropriate crop management and careful monitoring for harmful organisms, so that prompt crop protection measures can be taken if necessary. The two seed-d. variants did not produce any significant differences in yield in any of the study years, so 300 fertile caryopses per m2 can be regarded as the upper limit in early sowing of winter wheat in areas with similar natural conditions to the study location. On the basis of the study results, the early sowing of winter wheat can help to spread the autumn workload peak and raise the yield of suitable winter wheat varieties still further.

REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:388552 CAPLUS
DOCUMENT NUMBER: 133:13738
TITLE: Inhibiting phase separation in low viscosity water-based pesticide suspensions
INVENTOR(S): Shafer, James G.; Hudson, Darrell C.
PATENT ASSIGNEE(S): Bayer Corporation, USA
SOURCE: U.S., 7 pp., Cont.-in-part of U.S. Ser. No. 86,075, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6074987	A	20000613	US 1999-228904	19990111
US 2001008873	A1	20010719	US 2001-759797	20010112
US 6379687	B2	20020430		
US 2002110574	A1	20020815	US 2002-71539	20020208

PRIORITY APPLN. INFO.:
US 1998-86075 B2 19980528
US 1999-228904 A2 19990111
US 2000-506655 A2 20000217
US 2001-759797 A3 20010112

AB The invention provides a compn. for inhibiting phase sepn. and the resulting nonuniform distribution of an active ingredient in low viscosity, water-based pesticide suspensions. The compn. comprises 0.003-50% by wt. pesticide, 0.5-10% wetting agent, 0.0-0.8% thickener, 0.1-0.5% antimicrobial agent, 5-20% antifreeze, 1-8% hydrophobic fumed silica, and 40-95% water. In an embodiment of the invention, the hydrophobic fumed silica results from a hydrophilic silica which is treated with dimethyldichlorosilane.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:349202 CAPLUS
DOCUMENT NUMBER: 132:344443
TITLE: Synergistic fungicidal compositions.
INVENTOR(S): Mauler-Machnik, Astrid; Wachendorf-Neumann, Ulrike; Gayer, Herbert
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 18 pp.

09958813

CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19939841	A1	20000525	DE 1999-19939841	19990823
WO 2000030440	A2	20000602	WO 1999-EP8558	19991108
WO 2000030440	A3	20000831		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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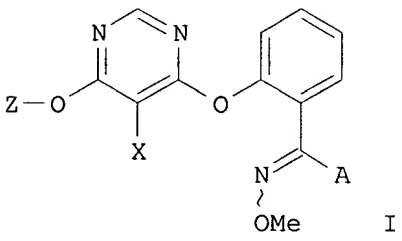
AU 2000010460	A5	20000613	AU 2000-10460	19991108
AU 752441	B2	20020919		
BR 9915518	A	20010717	BR 1999-15518	19991108
EP 1130963	A2	20010912	EP 1999-953975	19991108
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002530297	T2	20020917	JP 2000-583338	19991108

PRIORITY APPLN. INFO.: DE 1998-19853559 A1 19981120
DE 1999-19939841 A 19990823
WO 1999-EP8558 W 19991108

OTHER SOURCE(S): MARPAT 132:344443
GI



I

AB The title compns. comprise the pyrimidine derivs. I [Z = (un)substituted Ph; X = halo; A = heterocyclyl, CO2Me or CHNHMe] and any of a large no. of known fungicides.

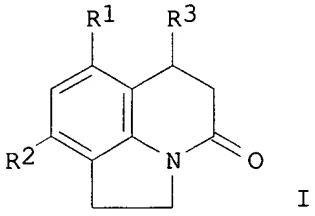
L11 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:518655 CAPLUS
DOCUMENT NUMBER: 131:166500
TITLE: Agrochemical compositions containing 1,2-dihydro- or 1,2,5,6-tetrahydro-4H-pyrrolo(3,2,1-i,j)quinolin-4-ones
INVENTOR(S): Ohta, Hiroshi; Tanaka, Harukazu; Tsuda, Mikio; Ohnishi, Toru; Takahi, Yukiyoshi; Kato, Shigehiro
PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan

09958813

SOURCE: Jpn. Kokai Tokkyo Koho, 69 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11222406	A2	19990817	JP 1998-321906	19981112

PRIORITY APPLN. INFO.: JP 1997-311799 19971113
OTHER SOURCE(S): MARPAT 131:166500
GI



I

AB Agrochem. microbicides contain (1) 1,2-dihydro- or 1,2,5,6-tetrahydro-4H-pyrrolo(3,2,1-i,j)quinolin-4-ones I [R1 = halo, C1-6 (halo)alkyl, C1-6 (halo)alkoxy, C3-7 cycloalkyl(oxy); R2 = H, halo; R3 = H, C1-6 alkyl, C3-7 cycloalkyl; dotted line = single bond, double bond] and (2) .gtoreq.1 compd. selected from ergosterol biosynthesis inhibitors (EBIs), non-EBI-type agents for control of Pyricularia oryzae or Rhizoctonia solani, hymexazol (salts), phenylamide microbicides, bactericides, organosulfur microbicides, benzimidazole microbicides, organophosphorus insecticides, carbamate insecticides, synthetic pyrethroid insecticides, neonicotinoid insecticides, benzoylhydrazine insecticides, phenylpyrazole insecticides, nereistoxin insecticides, plant growth regulators, sulfonylurea herbicides, agents for control of Echinochloa or Cyperaceae, azole-type bleaching herbicides, and triazine herbicides. Insecticides, plant growth regulators, and herbicides contg. the compns. and their uses are also claimed. Concomitant application of 7-fluoro-1,2,5,6-tetrahydro-4H-pyrrolo[3,2,1-i,j]quinolin-4-one (prepn. given) and 2-(4-fluorophenyl)-1-(1H-1,2,4-triazol-1-yl)-3-trimethylsilyl-2-propanol at 10 and 20 g/10 are, resp. showed 98% control of Pyricularia oryzae in rice.

L11 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:35959 CAPLUS
DOCUMENT NUMBER: 128:111913
TITLE: Wood preservatives and their use at ambient pressure
INVENTOR(S): Igarashi, Rei
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10007502	A2	19980113	JP 1996-158363	19960619

AB Wood preservatives contain water-immiscible fungicides, water-immiscible insecticides, water-immiscible liq. hydrocarbons with b.p. .gtoreq.220.degree. and flash point .gtoreq.100.degree., surfactants, and optional water. The preservatives are dild. with water and coated to wood at ambient pressure. A wood preservative emulsion was formulated contg. IPBC, cyfluthrin, KMC 113 (dipropylnaphthalene) (sic), Newkalgen CP 80 (polyoxyalkylene styrylphenyl ether), and water.

L11 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:740064 CAPLUS
DOCUMENT NUMBER: 127:342939
TITLE: Pesticide powder formulation for seed and foliar treatment of plants
INVENTOR(S): Dao-Cong, Dong; Kelly, Heather Leigh
PATENT ASSIGNEE(S): Uniroyal Chemical Company, Inc., USA; Uniroyal Chemical Ltd./uniroyal Chemical Ltee
SOURCE: PCT Int. Appl., 51 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9740668	A1	19971106	WO 1997-US5885	19970409
W: CA, YU				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5719103	A	19980217	US 1996-642832	19960502
EP 900005	A1	19990310	EP 1997-921126	19970409
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				

PRIORITY APPLN. INFO.: US 1996-642832 19960502
WO 1997-US5885 19970409

AB Water-dispersible powder formulations are given for seed and foliar treatment of plants, which provide excellent dust and rub-off control. The powder formulations comprise an active ingredient, a wetting agent, a dispersant, an anticaking agent, and an adhesion ingredient, selected from sodium salt of a polyacrylic acid, a sodium salt of maleic acid/acrylic acid copolymer, polyvinyl pyrrolidone, an alkylated polyvinyl pyrrolidone, and mixts. thereof. The wetting agent is present in an amt. that is effective for enabling the powder formulation to be wettable by cold water. The dispersant is present in an amt. that is effective for enabling the powder formulation to be dispersible in cold water. The anticaking agent is present in an amt. that is effective for enabling the powder formulation to be re-suspendable in water. The adhesion ingredient is present in an amt. that is effective for enabling the powder formulation to adhere to a plant leaf or seed. The powder formulations are esp. suitable for containment in water sol. and/or water-dispersible bags or pouches, such use tending to render the active ingredient safer to handle and therefore better for consumers and the environment.

L11 ANSWER 20 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:440126 CAPLUS
DOCUMENT NUMBER: 127:46479

09958813

TITLE: Water-based, solvent- and emulsifier-free microbicidal compositions.
INVENTOR(S): Buschhaus, Hans-Ulrich; Exner, Otto; Kugler, Martin; Nagano, Yukihiro
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19543477	A1	19970528	DE 1995-19543477	19951122
CA 2238033	AA	19970529	CA 1996-2238033	19961111
WO 9718713	A1	19970529	WO 1996-EP4919	19961111
W: AU, BB, BG, BR, BY, CA, CN, CZ, HU, JP, KR, KZ, LK, MX, NO, NZ, PL, RO, RU, SK, TR, UA, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9675694	A1	19970611	AU 1996-75694	19961111
EP 863709	A1	19980916	EP 1996-938169	19961111
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL				
JP 2000500475	T2	20000118	JP 1997-519342	19961111
BR 9611746	A	20000328	BR 1996-11746	19961111

PRIORITY APPLN. INFO.: DE 1995-19543477 A 19951122
WO 1996-EP4919 W 19961111

OTHER SOURCE(S): MARPAT 127:46479
AB The title compns. comprise azole fungicide(s) (triadimefon, triadimenol, **tebuconazole**, hexaconazole, etc.), nitromethylene or related insecticide(s) and quaternary ammonium fungicide(s). The compns. are useful for the preservation of leather, wood and tech. materials.

L11 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:414007 CAPLUS
DOCUMENT NUMBER: 127:30417
TITLE: Biodegradable matrix for sustained-release pesticides
INVENTOR(S): Kalbe, Jochen; Koch, Rainhard; Mueller, Hanns-Peter; Priesnitz, Uwe; Penners, Gunther; Rehbold, Bodo; Andersch, Wolfram; Stenzel, Klaus; Engelhardt, Juergen
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 17 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19542500	A1	19970522	DE 1995-19542500	19951115
WO 9717847	A1	19970522	WO 1996-EP4823	19961105
W: AU, BB, BG, BR, BY, CA, CN, CZ, HU, IL, JP, KR, KZ, LK, MX, NO, NZ, PL, RO, RU, SK, TR, UA, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9675652	A1	19970605	AU 1996-75652	19961105

EP 861024	A1	19980902	EP 1996-938092	19961105
R: DE, ES, FR, IT				
JP 2000500148	T2	20000111	JP 1997-518549	19961105
ZA 9609562	A	19970625	ZA 1996-9562	19961114
PRIORITY APPLN. INFO.:			DE 1995-19542500 A	19951115
			WO 1996-EP4823 W	19961105

AB Polysaccharide esters, such as hydroxypropylcellulose phthalate, are prepd. as matrixes for sustained-release pesticides. Suitable pesticides are, for example nicotinergic acetylcholine receptor agonists and antagonists.

L11 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1995:682581 CAPLUS
DOCUMENT NUMBER: 123:59251
TITLE: Wood preservative, concentrates and preservation of wood
INVENTOR(S): Heuer, Lutz; Kugler, Martin; Buschhaus, Hans-Ulrich; Schrage, Heinrich; Kunisch, Franz
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9500303	A1	19950105	WO 1994-EP1868	19940608
W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, LK, NO, NZ, PL, RO, RU, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
DE 4320495	A1	19941222	DE 1993-4320495	19930621
DE 4406819	A1	19950907	DE 1994-4406819	19940302
AU 9471231	A1	19950117	AU 1994-71231	19940608
AU 689480	B2	19980402		
EP 705160	A1	19960410	EP 1994-920437	19940608
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, PT, SE				
BR 9407120	A	19960903	BR 1994-7120	19940608
JP 08509437	T2	19961008	JP 1994-502383	19940608
NO 9505107	A	19951215	NO 1995-5107	19951215
US 5972971	A	19991026	US 1995-564249	19951215
FI 9506113	A	19951219	FI 1995-6113	19951219
PRIORITY APPLN. INFO.:			DE 1993-4320495	19930621
			DE 1994-4406819	19940302
			WO 1994-EP1868	19940608

AB Title combination contains .alpha.-butyl-.alpha.-(2,4-dichlorophenyl)-1H-1,2,4-triazol-1-ethanol (hexaconazole), and/or 5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol (metconazole) fungicides, and .gtoreq.1 supplementary synergistic insecticide. The addn. of the synergistic insecticide to the azole fungicide does not impair the activity of the fungicide, the combinations have good stability, long term activity, a broad activity spectrum, and good penetrability in wood.

L11 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1994:527784 CAPLUS

09958813

DOCUMENT NUMBER: 121:127784
TITLE: Compatibility of **imidacloprid** with fungicides as a seed-treatment control of Russian wheat aphid (Homoptera: Aphididae) and effect on germination, growth, and yield of wheat and barley
AUTHOR(S): Pike, K. S.; Reed, G. L.; Graf, G. T.; Allison, D.
CORPORATE SOURCE: Irrig. Agric. Res. and Ext. Cent., Wash. State Univ., Prosser, WA, 99350-9687, USA
SOURCE: Journal of Economic Entomology (1993), 86(2), 586-593
CODEN: JEENAI; ISSN: 0022-0493
DOCUMENT TYPE: Journal
LANGUAGE: English

AB **Imidacloprid** insecticide, applied as a seed treatment, singly or in combination with fungicides (carboxin-thiram, triadimenol-captan, and **tebuconazole**-thiram), protected growing plants of wheat and barley from developing infestations of Russian wheat aphid, Diuraphis noxia (Mordvilko) for 27-85 d after planting based on four greenhouse and four field trials. There were no compatibility problems in insecticide performance by combining **imidacloprid** with fungicides on the seed. **Imidacloprid** significantly reduced plant damage by D. noxia in all trials and increased yields in three of three field trials where plots were entirely infested. As a seed treatment, **imidacloprid** offers an environmentally safer approach to the control of D. noxia than is possible with wide-spectrum aerial or in-furrow granular insecticide treatments.

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=> s l11 and wood product
        125855 WOOD
        983693 PRODUCT
           411 WOOD PRODUCT
                 (WOOD(W)PRODUCT)
L12          0 L11 AND WOOD PRODUCT

=> s l11 and inset
           301 INSET
L13          0 L11 AND INSET

=> s l11 and insect
         59215 INSECT
L14          0 L11 AND INSECT

=> s l11 and insects
         27036 INSECTS
L15          1 L11 AND INSECTS

=> d l15 ibib abs hitstr

L15  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2002 ACS
ACCESSION NUMBER:        2002:368234  CAPLUS
DOCUMENT NUMBER:         136:381765
TITLE:                   Synergistic pesticidal compositions comprising
                         N-cyanomethyl-4-(trifluoromethyl)nicotinamide
INVENTOR(S):             Angst, Max; Rindlisbacher, Alfred; Maienfisch, Peter
PATENT ASSIGNEE(S):      Syngenta Participations A.-G., Switz.
SOURCE:                  PCT Int. Appl., 30 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
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